

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-010506**Date Inspected:** 24-Nov-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** **Yes No N/A****Rod Oven in Use:** **Yes No N/A****Electrode to specification:** **Yes No N/A****Weld Procedures Followed:** **Yes No N/A****Qualified Welders:** **Yes No N/A****Verified Joint Fit-up:** **Yes No N/A****Approved Drawings:** **Yes No N/A****Approved WPS:** **Yes No N/A****Delayed / Cancelled:** **Yes No N/A****Bridge No:** 34-0006**Component:** Trial Assembly**Summary of Items Observed:**

On this day Caltrans OSM Quality Assurance (QA) Inspector Christopher D'souza was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhen Hua Port Machinery Company (ZPMC) at Chang Xing Island in Shanghai, China. QA Inspector observed and/or found the following:

ABF Inspection Request No. 11232009-2

This QA Inspector witnessed ABF Inspectors performing UT of SEG013A-031, SEG015A-007 (BP-SP CW side 3AW)

This QA Inspector performed conventional UT (Ultrasonic Testing) in conjunction with ABF UT department for detection of planar transverse indication.

UT performed on repair areas of SEG013A-031, SEG015A-007 utilizing scanning pattern A, B, C and D (Fig 6.7)

ABF Inspection Request No. 11242009-4

This QA Inspector witnessed ABF Inspectors performing UT of OBW3A-001,002 and SEG013-043,047; CA005-002,004,006

(3AW – 3BW DP- EP splice and 3AW – 3BW SP)

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

This QA Inspector performed conventional UT (Ultrasonic Testing) in conjunction with ABF UT department for detection of planar transverse indication.

UT performed on repair areas of UT of CA100 OBW3A-001,002 and SEG013-043,047; CA005-002,004,006 utilizing scanning pattern A, B, C and D (Fig 6.7)

See Caltrans Ultrasonic Transverse Indication Evaluation sheet dated November 24th, 2009 for further information on inspection.

ABF Inspection Request No. 11242009-3R1

This QA Inspector witnessed ABF Inspectors performing UT of OBWA3-003

(3AW – 3BW transverse splice BP)

See Caltrans Ultrasonic Transverse Indication Evaluation sheet dated November 24th, 2009 for further information on inspection.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Dsouza,Christopher	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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